

Title (en)

HEAVY AMINE NEUTRALIZING AGENTS FOR OLEFIN OR STYRENE PRODUCTION

Title (de)

NEUTRALISIERUNGSMITTEL MIT SCHWEREN AMINEN ZUR HERSTELLUNG VON OLEFIN ODER STYROL

Title (fr)

AGENTS DE NEUTRALISATION DE TYPE AMINES LOURDES POUR LA PRODUCTION D'OLÉFINES OU DE STYRÈNE

Publication

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Application

EP 16831328 A 20160728

Priority

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- US 2016044373 W 20160728

Abstract (en)

[origin: WO2017019825A1] The present invention generally relates to compositions and methods for neutralizing acidic streams in an olefin or styrene production plant. More specifically, the invention relates to neutralizing agents for dilution steam systems in the steam cracker process and their use for reducing acid corrosion and fouling in such systems.

IPC 8 full level

C10G 70/04 (2006.01); **C02F 1/66** (2006.01); **C02F 1/68** (2006.01); **C10G 9/16** (2006.01); **C10G 9/36** (2006.01); **C10G 75/02** (2006.01); **C10G 75/04** (2006.01); **C23F 14/02** (2006.01); **C23F 15/00** (2006.01); **C02F 103/36** (2006.01)

CPC (source: EP US)

C02F 1/66 (2013.01 - EP US); **C10G 9/16** (2013.01 - EP US); **C10G 9/36** (2013.01 - EP US); **C10G 75/02** (2013.01 - EP US); **C10G 75/04** (2013.01 - EP US); **C23F 14/02** (2013.01 - EP US); **C23F 15/00** (2013.01 - EP US); **C02F 1/68** (2013.01 - EP US); **C02F 2103/365** (2013.01 - EP US); **C02F 2303/08** (2013.01 - EP US)

Citation (search report)

- [X] US 4542253 A 19850917 - KAPLAN MORRIS [US], et al
- [I] US 5714664 A 19980203 - FEARNESIDE PAUL [US], et al
- [I] US 2014343332 A1 20141120 - POU TONG EAK [FR], et al
- See references of WO 2017019825A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2017019825 A1 20170202; CA 2993822 A1 20170202; CA 2993822 C 20220712; EP 3328969 A1 20180606; EP 3328969 A4 20190320; EP 3328969 B1 20200401; TW 201710226 A 20170316; TW I591054 B 20170711; US 11492277 B2 20221108; US 2017029301 A1 20170202

DOCDB simple family (application)

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